

Patent claims

1. A safety device for a motor vehicle comprising a front-end structure, a front bulkhead, which separates the front-end structure from an interior, and a brake apparatus fixed to the front bulkhead and comprising a brake cylinder, the brake cylinder having means for pivoting the brake apparatus, which means, in the event of a vehicle crash, interact with structural elements disposed in the front-end structure, characterized in that the means (11) for pivoting the brake apparatus (6) have a fastening portion (12) and a slide portion (13) having a slide plane (19).
2. The safety device as claimed in claim 1, characterized in that the means (11) for pivoting the brake apparatus (6) are assigned to the, in the direction of travel, forward-pointing end face of the brake cylinder (9).
3. The safety device as claimed in claim 1 or 2, characterized in that the means (11) for pivoting the brake apparatus (6) are detachably connected to the brake cylinder (9).
4. The safety device as claimed in claim 1, characterized in that the slide plane (19) is aligned such that the brake apparatus (6), in the event of a vehicle crash, performs a swivel motion about a substantially horizontal axis.
5. The safety device as claimed in one of the preceding claims, characterized in that the slide portion (13) has four faces (14, 17, 18, 19) forming a cavity (20), one face of which forms the slide plane (19).

6. The safety device as claimed in claim 5, characterized in that the cavity (20), in a longitudinal section in the vertical direction of the vehicle, has a triangular cross section, one corner of which is aligned downward.
7. The safety device as claimed in one of claims 5 or 6, characterized in that at least one of the faces (14, 17, 18, 19) of the slide portion has a downwardly increasing wall thickness.
8. The safety device as claimed in one of claims 5 to 7, characterized in that the cavity (20) has discharge opening (21).
9. The safety device as claimed in claim 1, characterized in that the fastening portion (12) has receiving fixtures (16) for fastening means.